

4.2.5. Threat Representation

- Identify the type (actual or surrogates, jammers, opposing forces, air defense systems, cyber), number, availability, fidelity requirements, and schedule for all representations of the threat (to include threat targets) to be used in testing.
- Include the quantities and types of units and systems required for each of the test phases. Appropriate threat command and control elements may be required and utilized in both live and virtual environments. The scope of the T&E event will determine final threat inventory.
 - [Threat Representation Guidance and Examples](#)
 - [Cybersecurity OT&E Guidance and Example](#)

4.2.6. Test Targets and Expendables

- Specify the type, number, availability, and schedule for all test targets (actual and surrogates) and expendables, (e.g. targets, weapons, flares, pyrotechnics, chaff, sonobuoys, smoke generators, countermeasures) required for each phase of testing.
- Include threat targets for LFT&E lethality testing and threat munitions for vulnerability testing.

4.2.7. Operational Force Test Support

- Identify doctrinally-representative systems and trained operators necessary to execute a test event.
- For each test and evaluation phase, specify the type and timing of aircraft flying hours, ship steaming days, and on-orbit satellite contacts/coverage, and other operational force support required.
- Include supported/supporting systems that the system under test must interoperate with if testing a system-of-systems or family-of-systems.
- Include size, location, and type unit required.

4.2.8. Models, Simulations, and Test-Beds

- For each test and evaluation phase, specify the models, simulations, any hybrid tool (e.g. simulation over live system) and simulations to be used, including computer-driven simulation models and hardware/software-in-the-loop test beds.
- Identify opportunities to simulate any of the required support.
- Include the resources required to verify, validate, and accredit the models, simulations, and hybrid tool usage.
- Identify the resources required to validate and accredit their usage, responsible agency and timeframe.

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